

## SEQUENCE LISTING

## (2) INFORMATION FOR SEQ ID NO: 1:

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 23bp

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

## (ii) MOLECULAR TYPE: oligonucleotide

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

AGAGTGGTGG TGGCTCCACT CTG 23

## (2) INFORMATION FOR SEQ ID NO: 2:

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 23bp

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

## (ii) MOLECULAR TYPE: oligonucleotide

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

TGCTGTGCAT GGTTCGGTCC ATC 23

## (2) INFORMATION FOR SEQ ID NO: 3:

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 544bp

(B) TYPE: nucleic acid

(C) STRANDEDNESS: double

(D) TOPOLOGY: linear

## (ii) MOLECULAR TYPE: cDNA

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

1 AGAGTGGTGG TGGCTCCACT CTGCCGCCG ATAGAAGCCA GGAGCAGGGC TCTCAGAAGG  
 61 CGGTGGTGCC AGCTGGGATC ATGTTGTTGG CCTGGTCTG TCTGCTCAGC TGCCTGCTAC  
 121 CCTCCAGTGA GGCCAAGCTC TACGGTCGTT GTGAAGTGGC CAGAGTGCTA CATGACTTCG  
 181 GGCTGGACGG ATACCGGGGA TACAGCCTGG CTGACTGGGT CTGCCTTGCT TATTTACAA  
 241 GCGGTTTCAA CGCAGCTGCT TTGGACTACG AGGCTGATGG GAGCACCAAC AACGGGATCT  
 301 TCCAGATCAA CAGCCGGAGG TGGTGCAGCA ACCTCACCCC GAACGTCCCC AACGTGTGCC  
 361 GGATGTACTG CTCAGATTG TTGAATCCTA ATCTCAAGGA TACCGTTATC TGTGCCATGA  
 421 AGATAACCCA AGAGCCTCAG GGTCTGGGTT ACTGGGAGGC CTGGAGGCAT CACTGCCAGG  
 481 GAAAAGACCT CACTGAATGG GTGGATGGCT GTGACTTCTA GGATGGACGG AACCATGCAC  
 541 AGCA

## (2) INFORMATION FOR SEQ ID NO: 4:

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 146 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: lineal

## (ii) MOLECULE TYPE: polypeptide

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

1 Met Leu Leu Ala Leu Val Cys Leu Leu Ser Cys Leu Leu Pro Ser  
 16 Ser Glu Ala Lys Leu Tyr Gly Arg Cys Glu Leu Ala Arg Val Leu  
 31 His Asp Phe Gly Leu Asp Gly Tyr Arg Gly Tyr Ser Leu Ala Asp  
 46 Trp Val Cys Leu Ala Tyr Phe Thr Ser Gly Phe Asn Ala Ala Ala  
 61 Leu Asp Tyr Glu Ala Asp Gly Ser Thr Asn Asn Gly Ile Phe Gln  
 76 Ile Asn Ser Arg Arg Trp Cys Ser Asn Leu Thr Pro Asn Val Pro  
 91 Asn Val Cys Arg Met Tyr Cys Ser Asp Leu Leu Asn Pro Asn Leu

106 Lys Asp Thr Val Ile Cys Ala Met Lys Ile Thr Gln Glu Pro Gln  
121 Gly Leu Gly Tyr Trp Glu Ala Trp Arg His His Cys Gln Gly Lys  
136 Asp Leu Thr Glu Trp Val Asp Gly Cys Asp Phe

5 (2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 29bp

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: oligonucleotide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

TCTCGGATCC ATGTTGTTGG CCCTGGTCT 29

15 (2) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 29bp

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: oligonucleotide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

CCTTGTCGAC CTAGAAGTCA CAGCCATCC 29

20 (2) INFORMATION FOR SEQ ID NO: 7:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 29bp

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: oligonucleotide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

TCTCAAGCTT ATGTTGTTGG CCCTGGTCT 29

35 (2) INFORMATION FOR SEQ ID NO: 8:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 29bp

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: oligonucleotide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

CCTTGATCC CTAGAAGTCA CAGCCATCC 29

45 (2) INFORMATION FOR SEQ ID NO: 9:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 27bp

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: oligonucleotide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

TCTCAAGCTT AAGCTCTACG GTCGTTG 27